

Report No.:

Test Time: 2023-11-08 14:31

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: BALIZADOR

Luminaire Description: BALIZADOR TREND - 1 PETALA 10W 3000K IRC 80

Lamp Description: PLACA DE LED

Number of Lamps: 1

Lumens per Lamp: 1000LM

Luminous Length (mm): 1000MM

Luminous Width (mm): 40MM

Luminous Height (mm): 200MM

Voltage: 228.4 V

Current: 0.038 A

Power: 8.34 W

Power Factor: 0.958

Photometric Results

IES Classification: Type IV

Longitudinal Classification: Short

Total Rated Lamp Lumens: 1000.0 lm

Measurement Flux: 846.9 lm

Efficiency: 84.69%

Downward Ratio: 83.51%

Upward Ratio: 1.18%

Luminaire Efficacy Rating (LER): 101.59

Central Intensity: 178.36 cd/klm

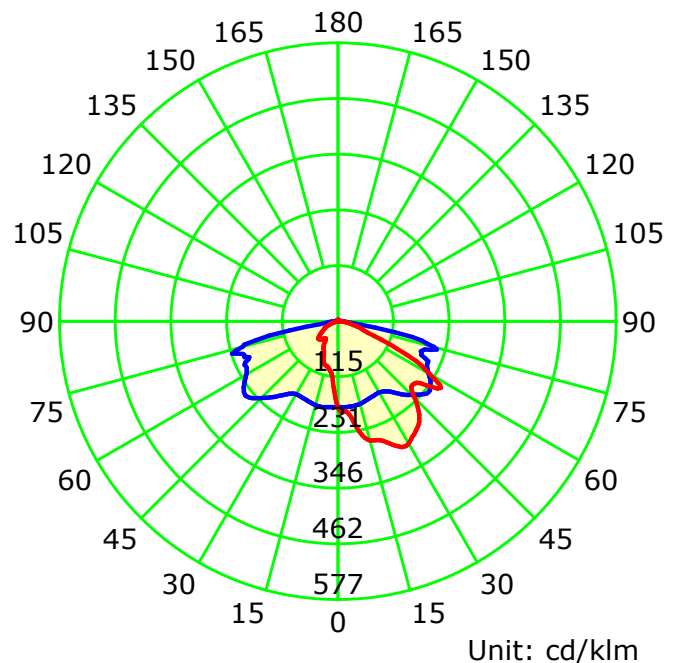
Max. Intensity: 462.09 cd/klm

Pos of Max. Intensity: H30 V67

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 10.0

Test Lab: ALLOY

Test Type: TYPE C

Temperature: 26°C

Operator: ALVARO BUZAID

Gamma Plane (°):0.0-180.0:1.0

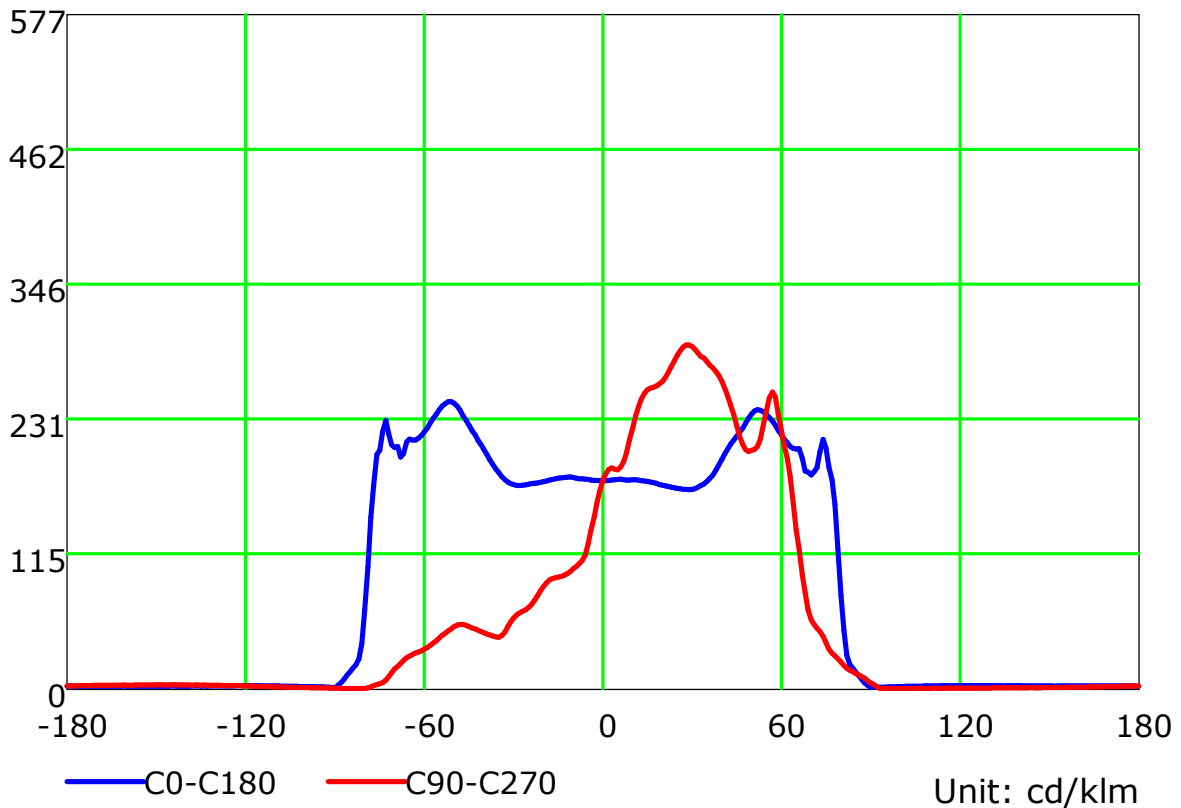
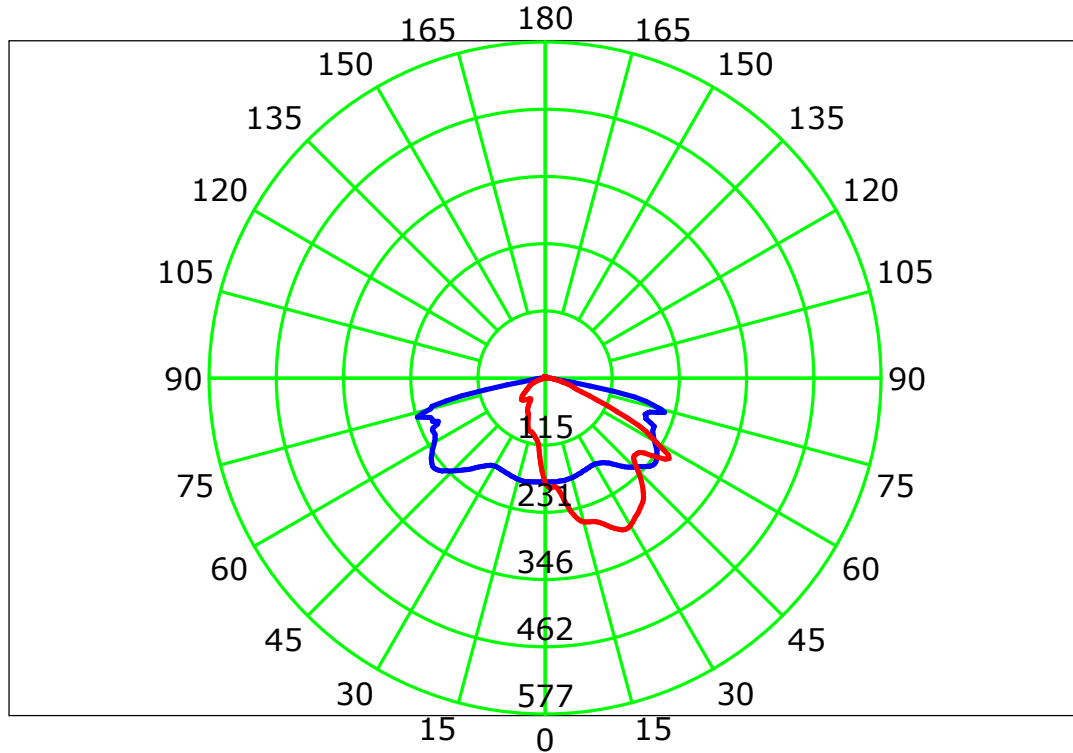
Test Device: LSG-1700B

Distance: 6.549 m

Humidity: 76%

Inspector:

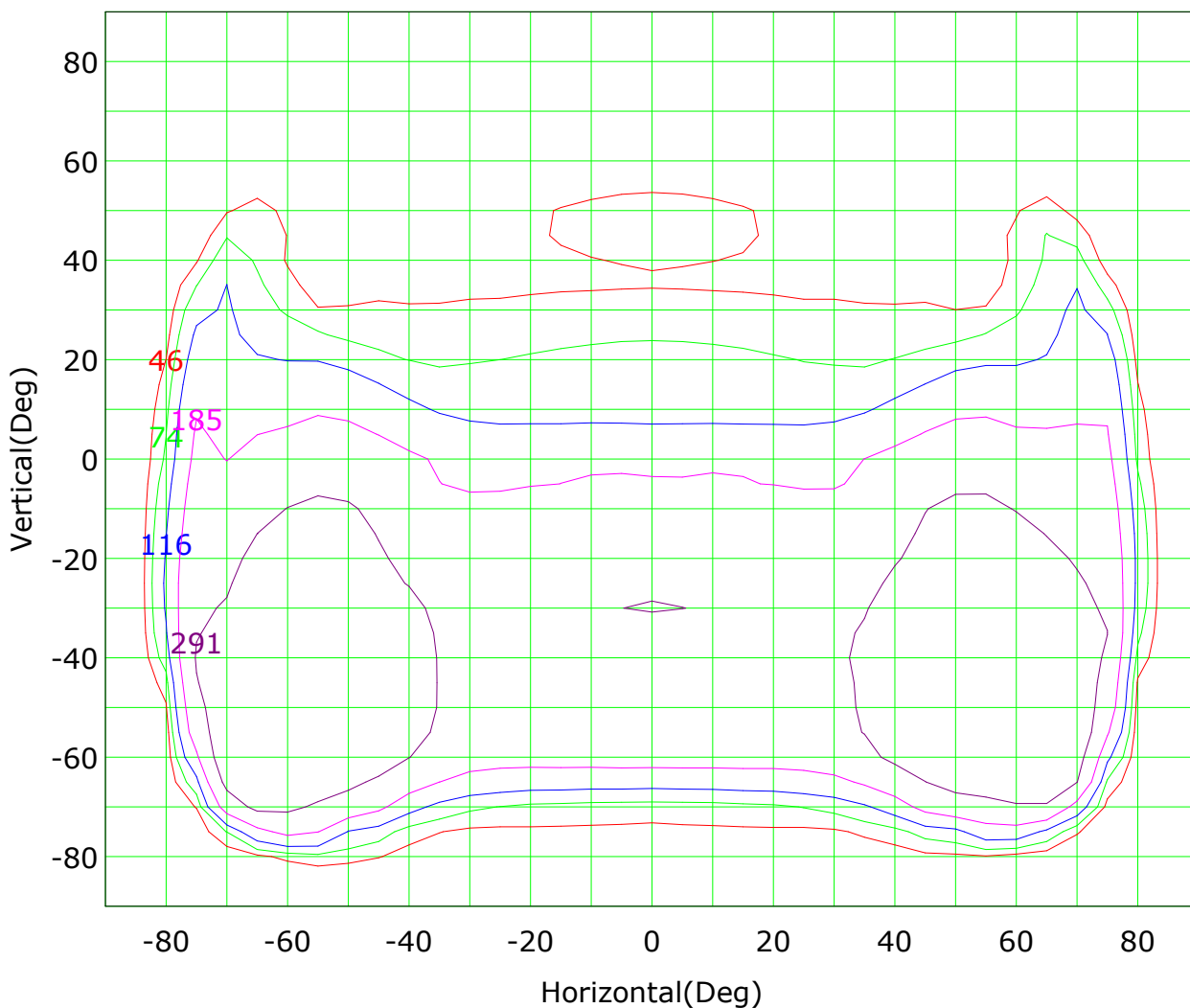
Luminous Intensity Distribution Curve



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Isocandela (rectangle)



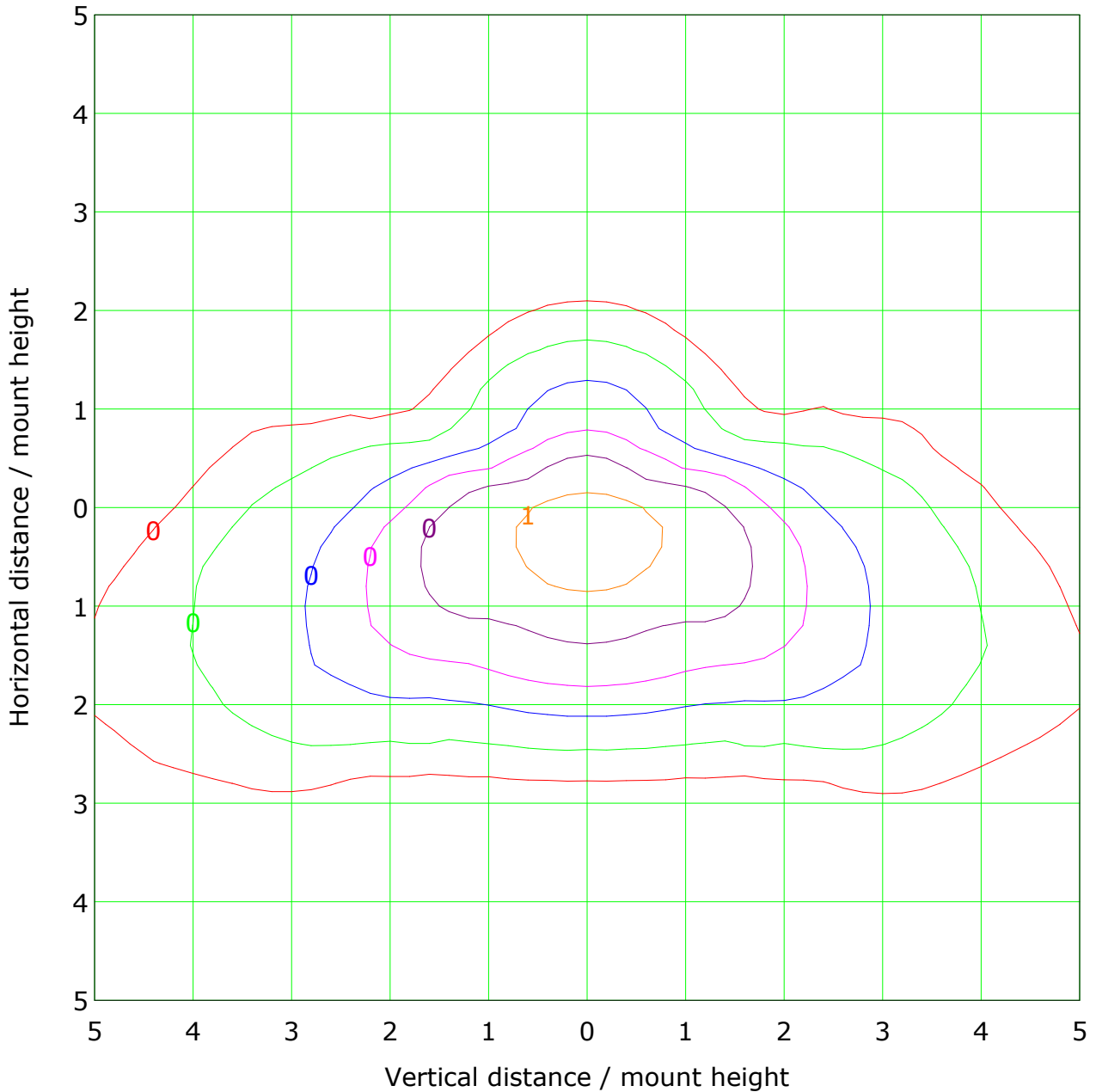
Imax (100%): 462 cd

— (10%):	46 cd	— (16%):	74 cd
— (25%):	116 cd	— (40%):	185 cd
— (63%):	291 cd	— (100%):	462 cd

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IsoLux Plot



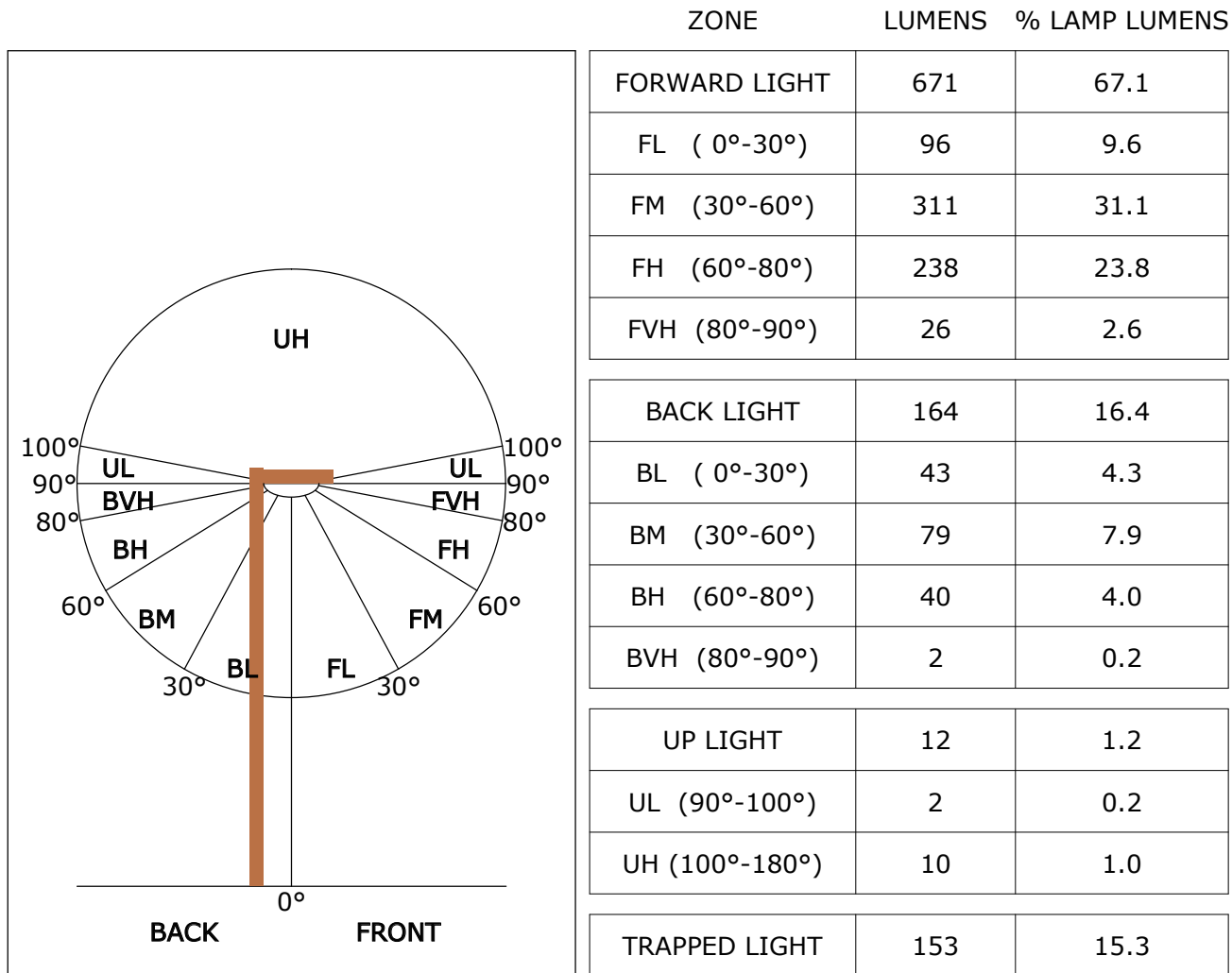
Mounting Height: 10.0m Max Lux(100%): 2.3 lx

— (1%): 0.0 lx	— (2%): 0.0 lx
— (5%): 0.1 lx	— (10%): 0.2 lx
— (20%): 0.5 lx	— (50%): 1.2 lx
— (100%): 2.3 lx	

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FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U2 G1

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